Part 4

~~Fig. 1~~

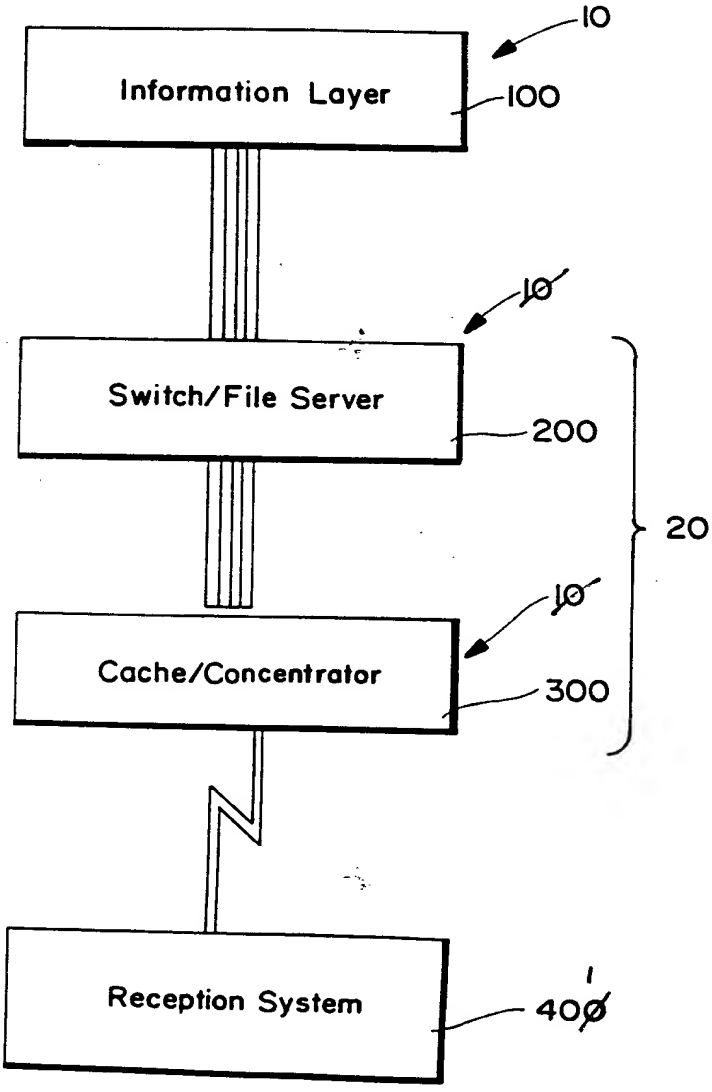

FIG. 1

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07/328790

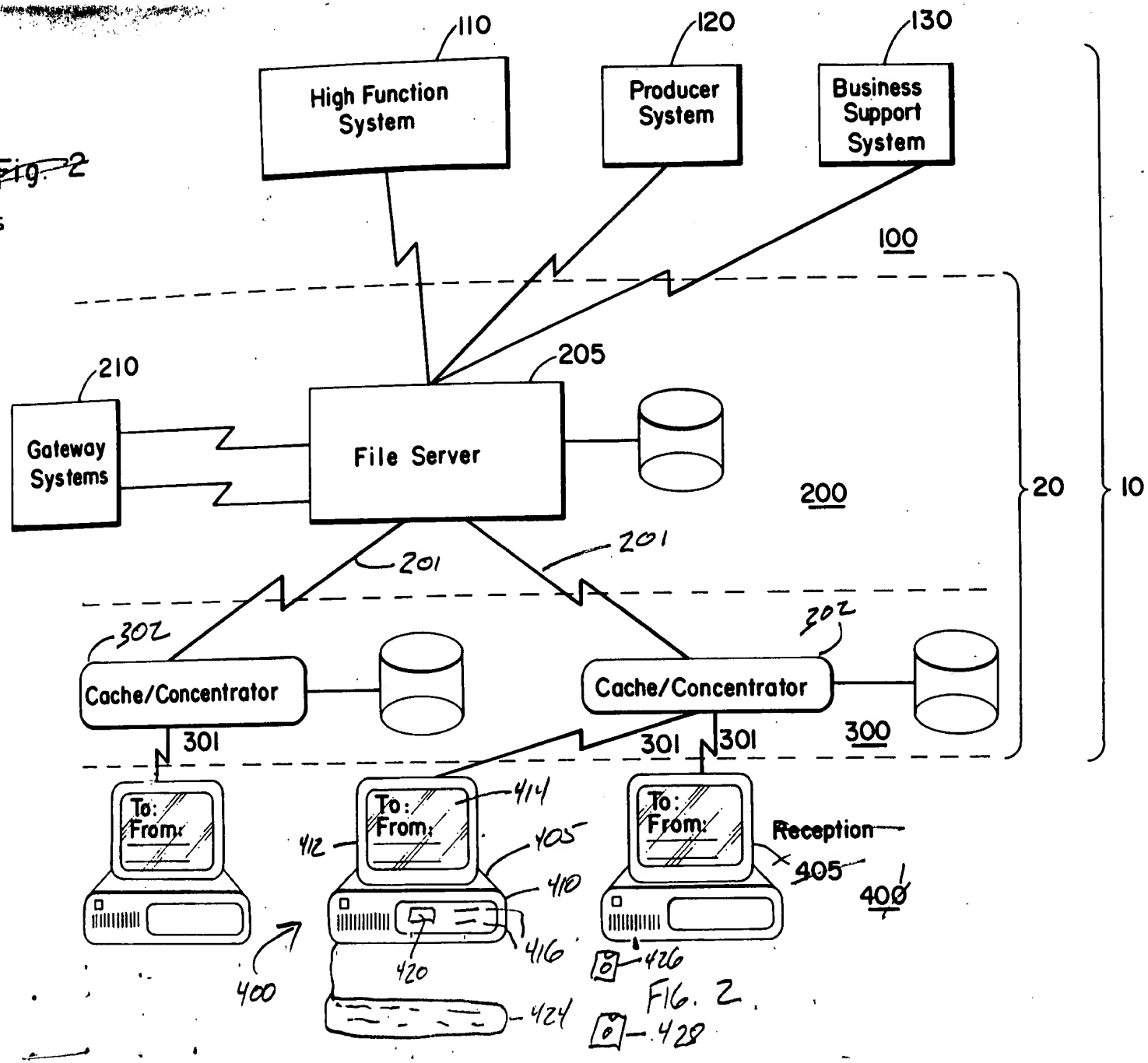


Fig. 2

07388156.072889

WO 96/28784 PCT/US96/03279

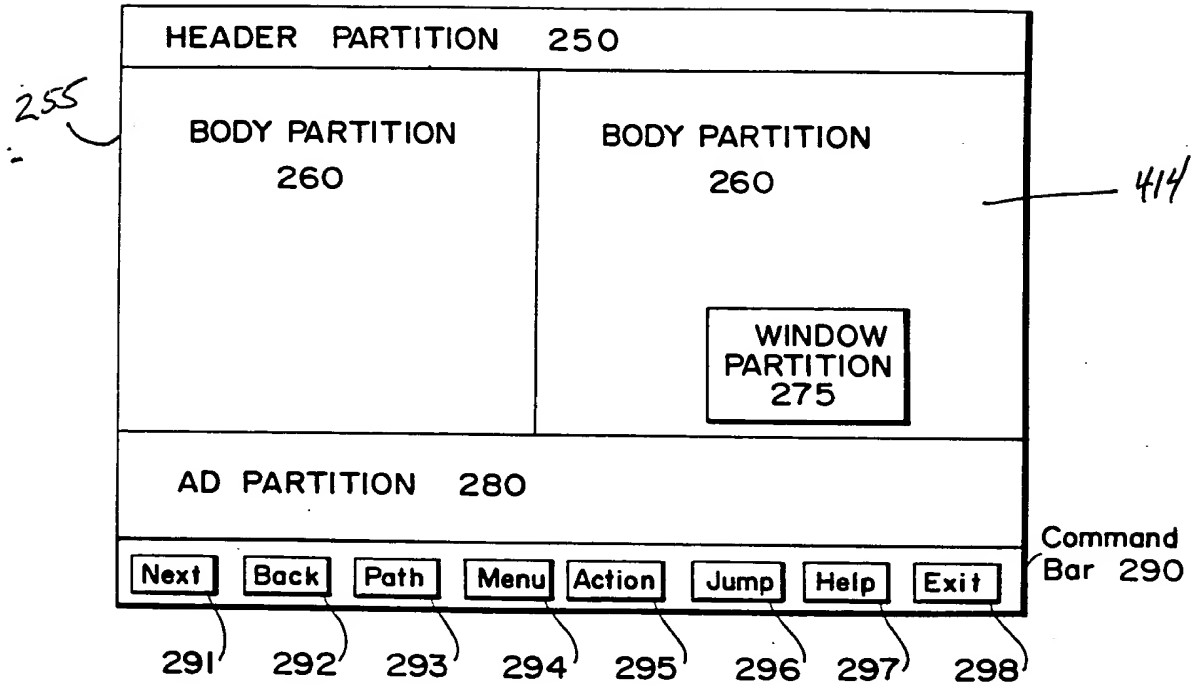
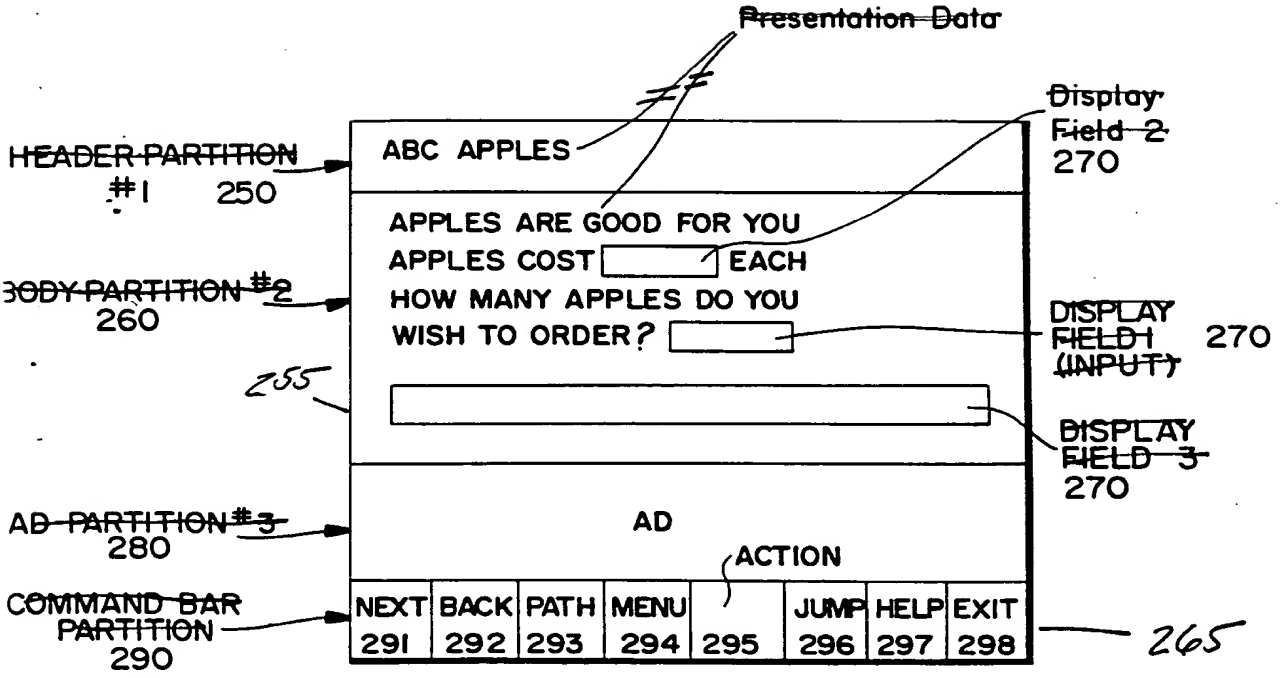


Fig. 3a



SPECIFIC DISPLAY SCREEN EXAMPLE

Fig. 3b

08328790 - 951004

~~Fig. 4a~~

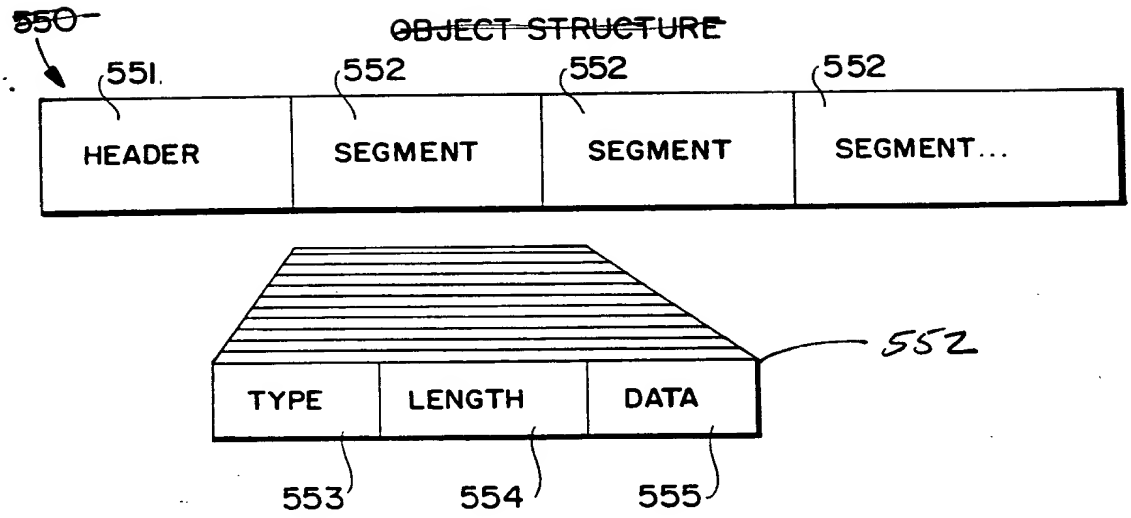


FIG. 4a

5,388,259-08-14-95

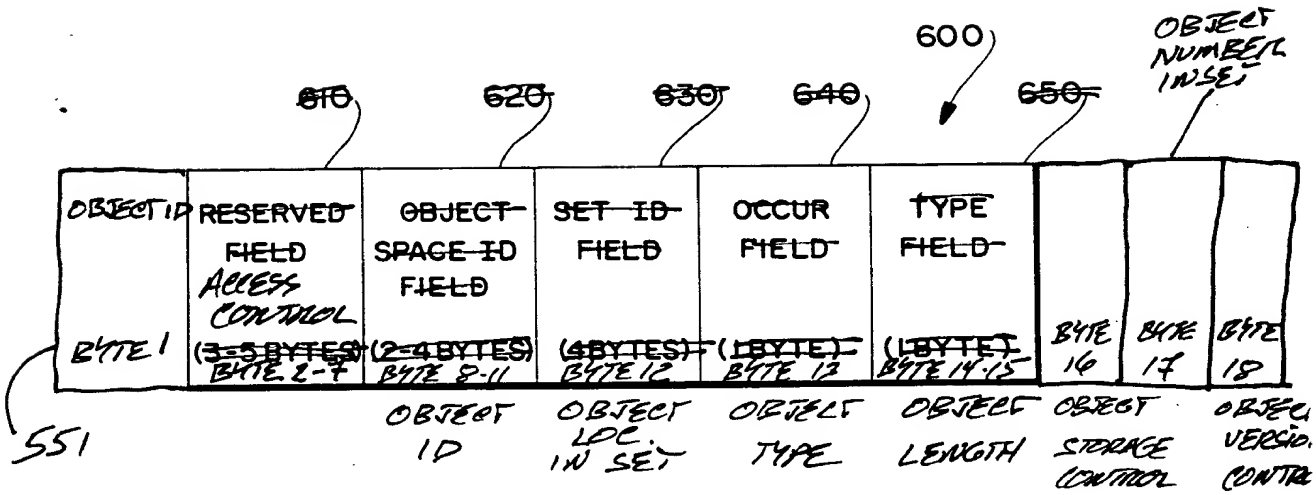


Fig. 4b

08328790 - 102396

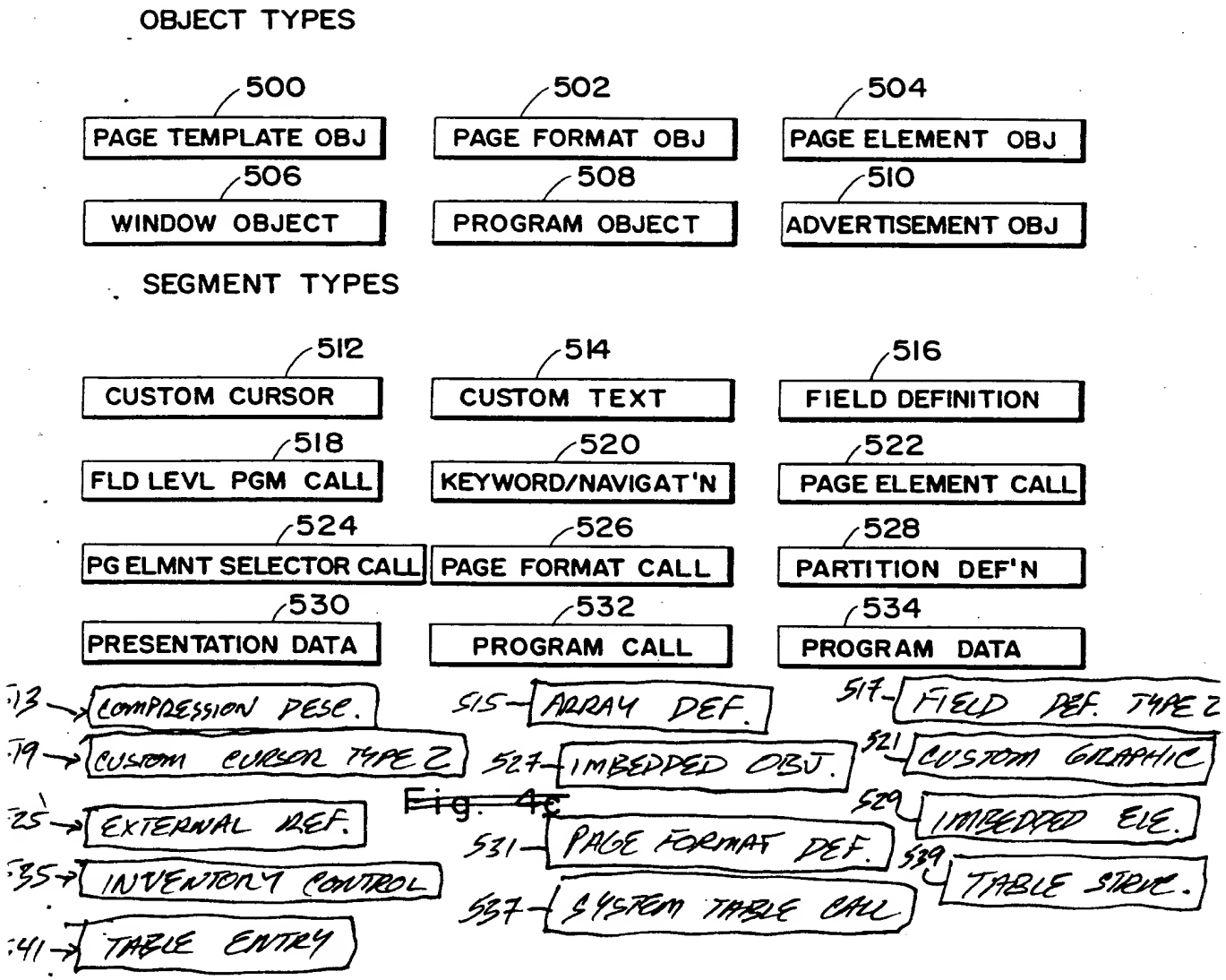


Fig. 4c

FIG. 4c

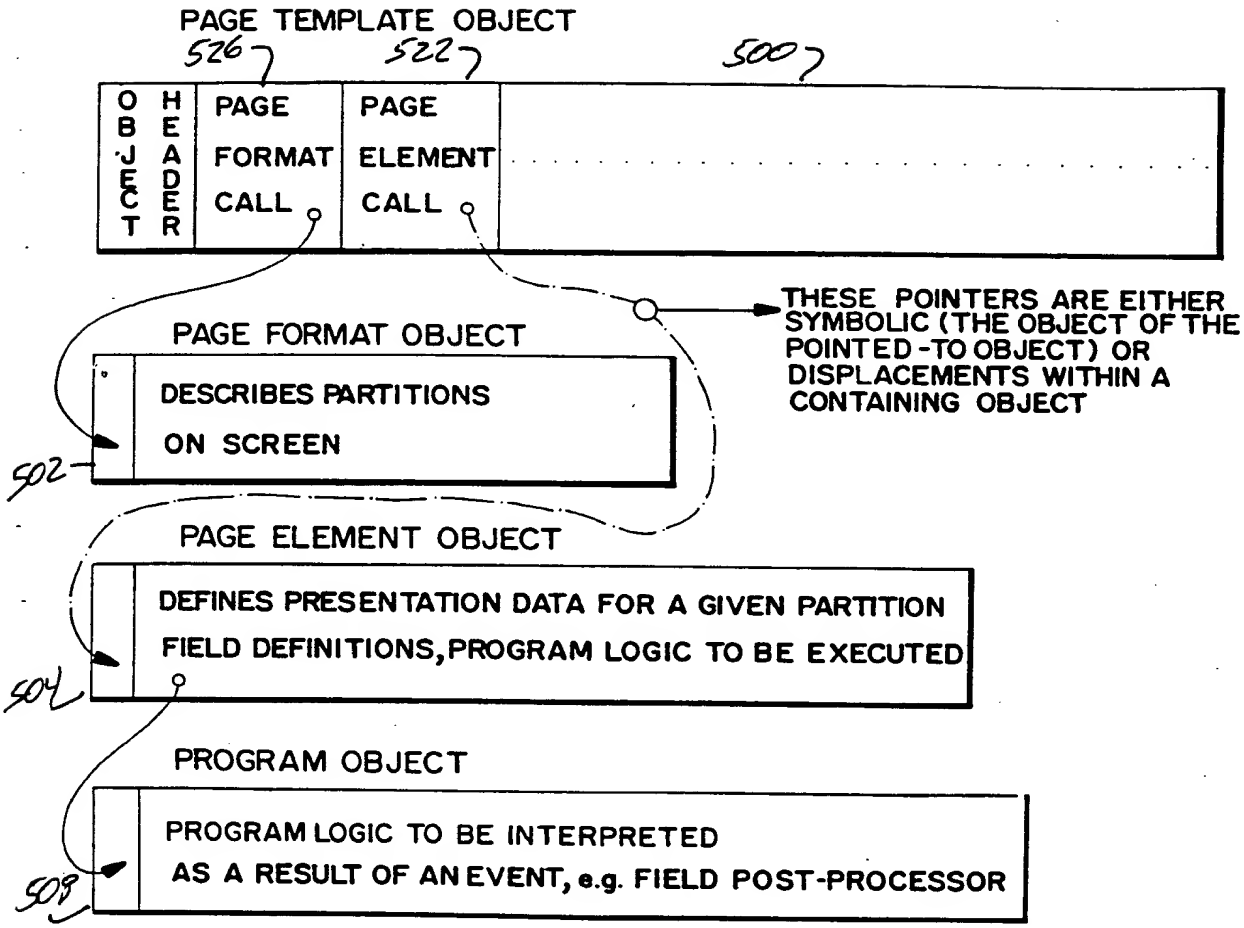


Fig. 5a

5,388,259

~~Fig. 4d~~

~~OBJECTS: COMPOSITION AND RELATIONSHIPS~~

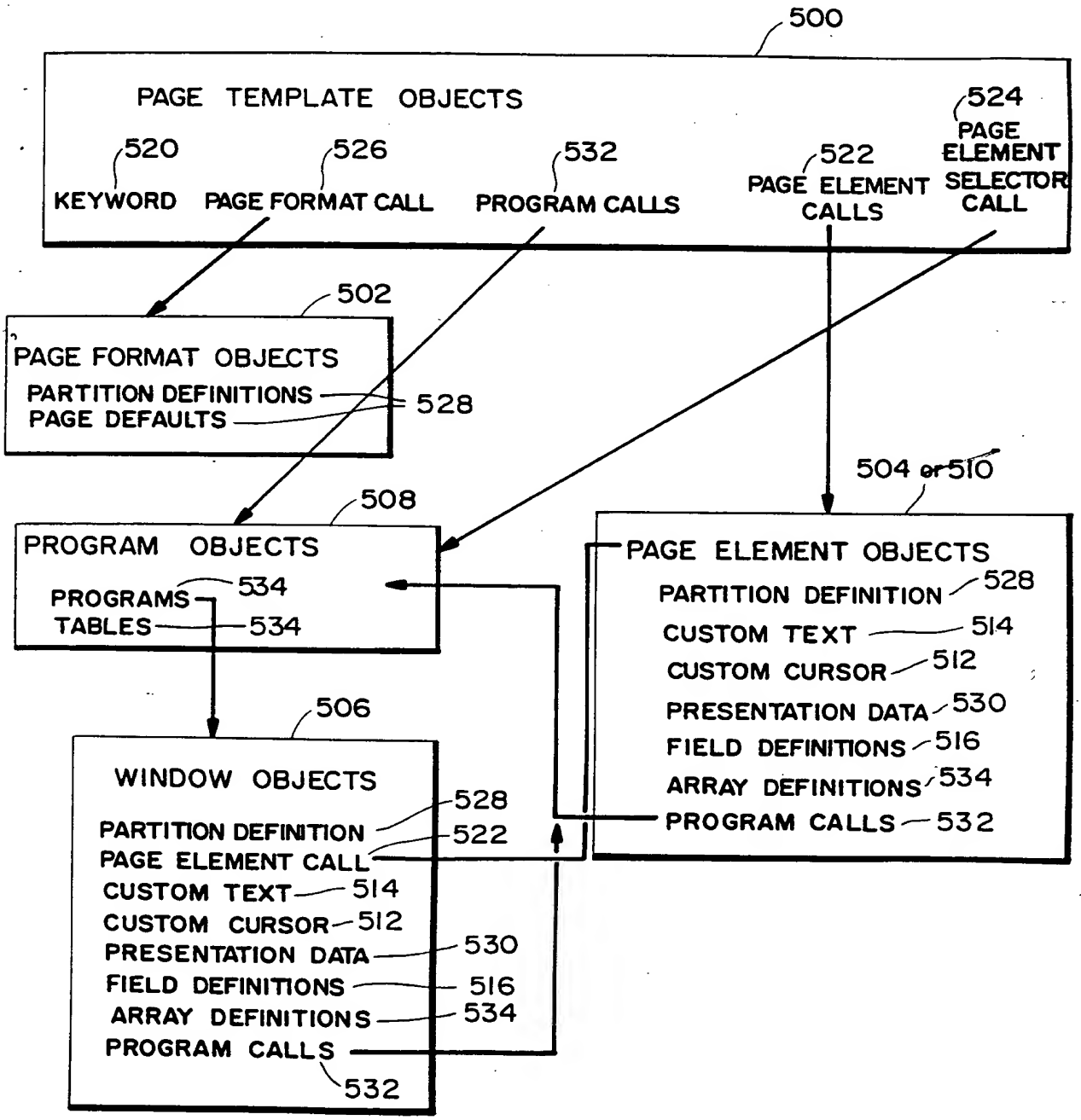


FIG. 4d

~~Fig. 5b~~

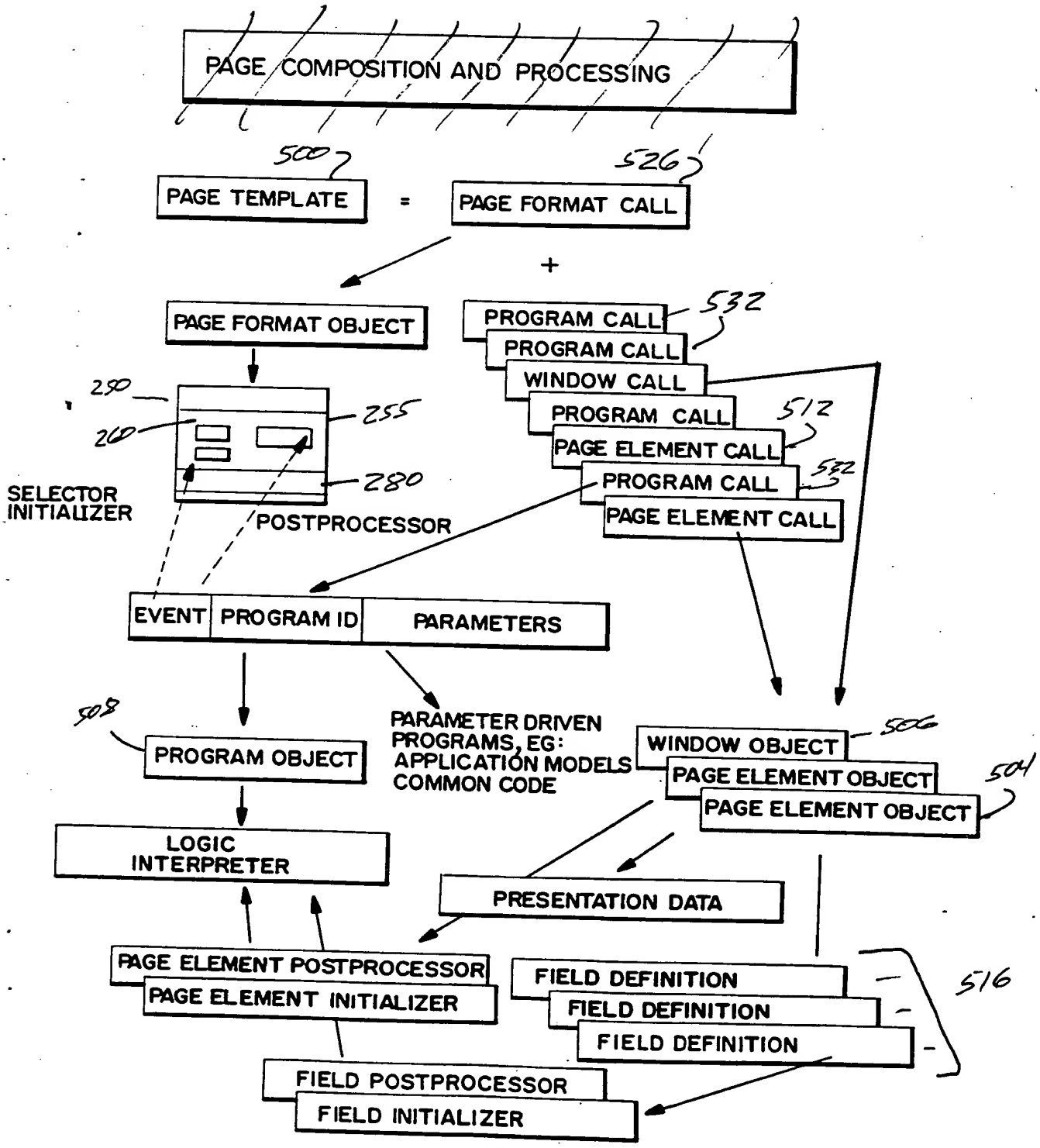


FIG. 5b.

SUBSTITUTE SHEET

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08328790 - 961020

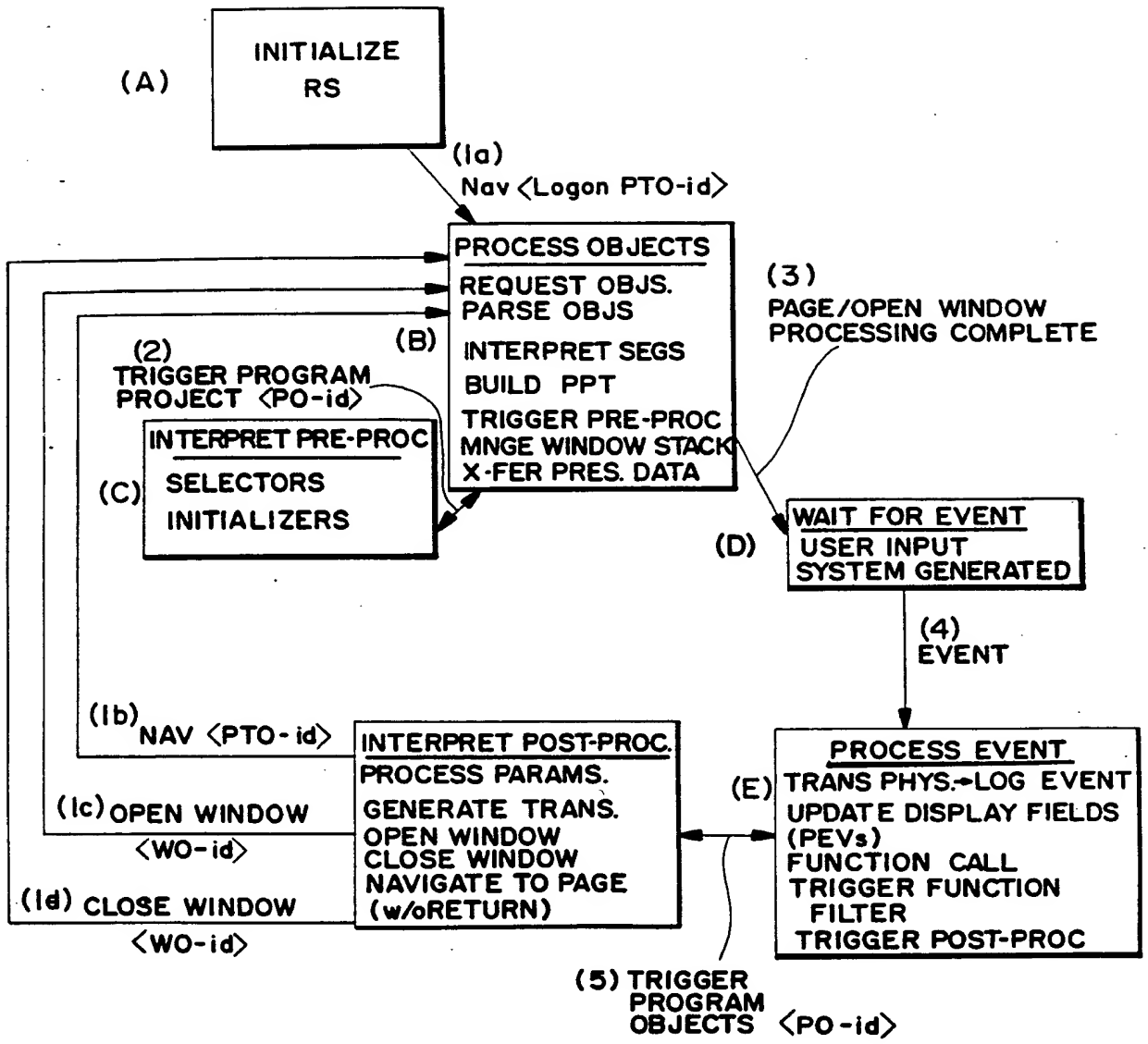
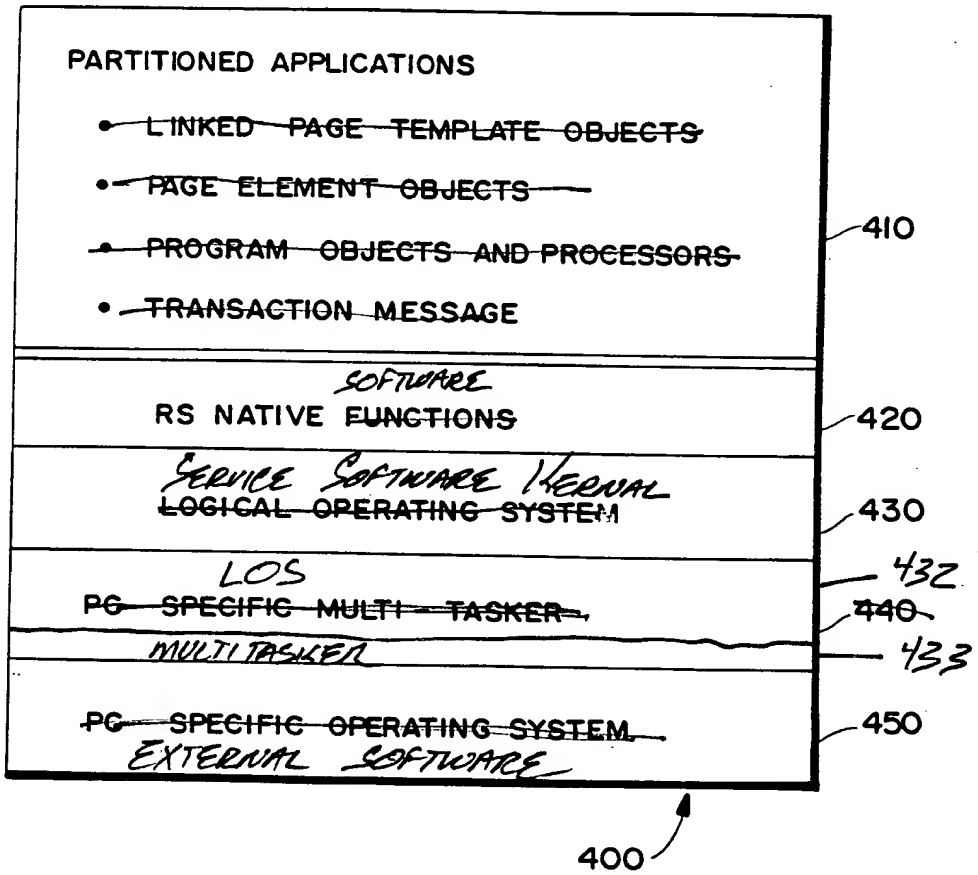


Fig. 6
R.S. PROTOCOL

5,335,276 5,515,538



RECEPTION SYSTEM LAYERS

Fig. 7

08328790 - 051589

~~Fig. 10~~

~~PAGE~~ PROCESSING TABLE (ppt)

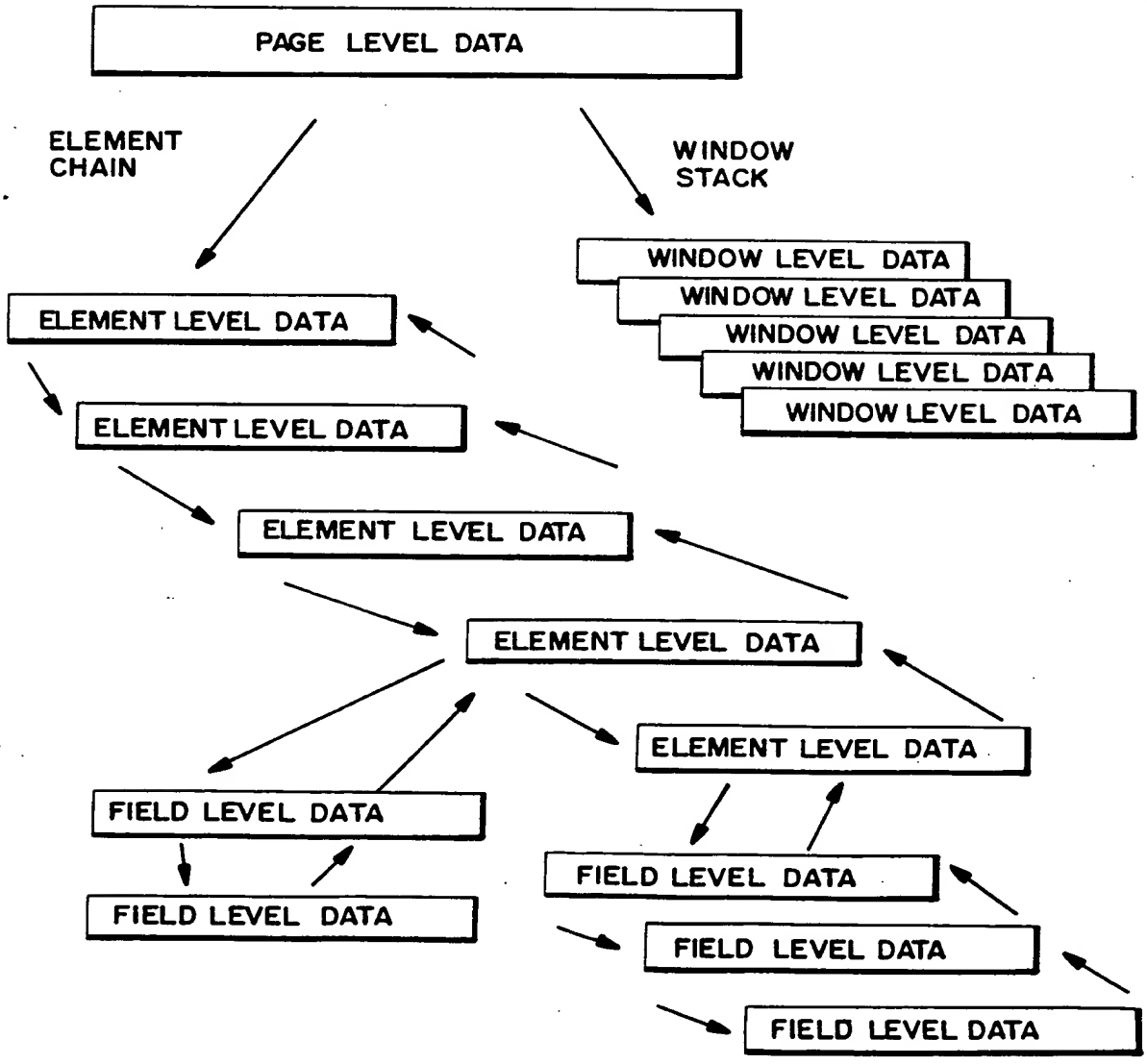


FIG. 10

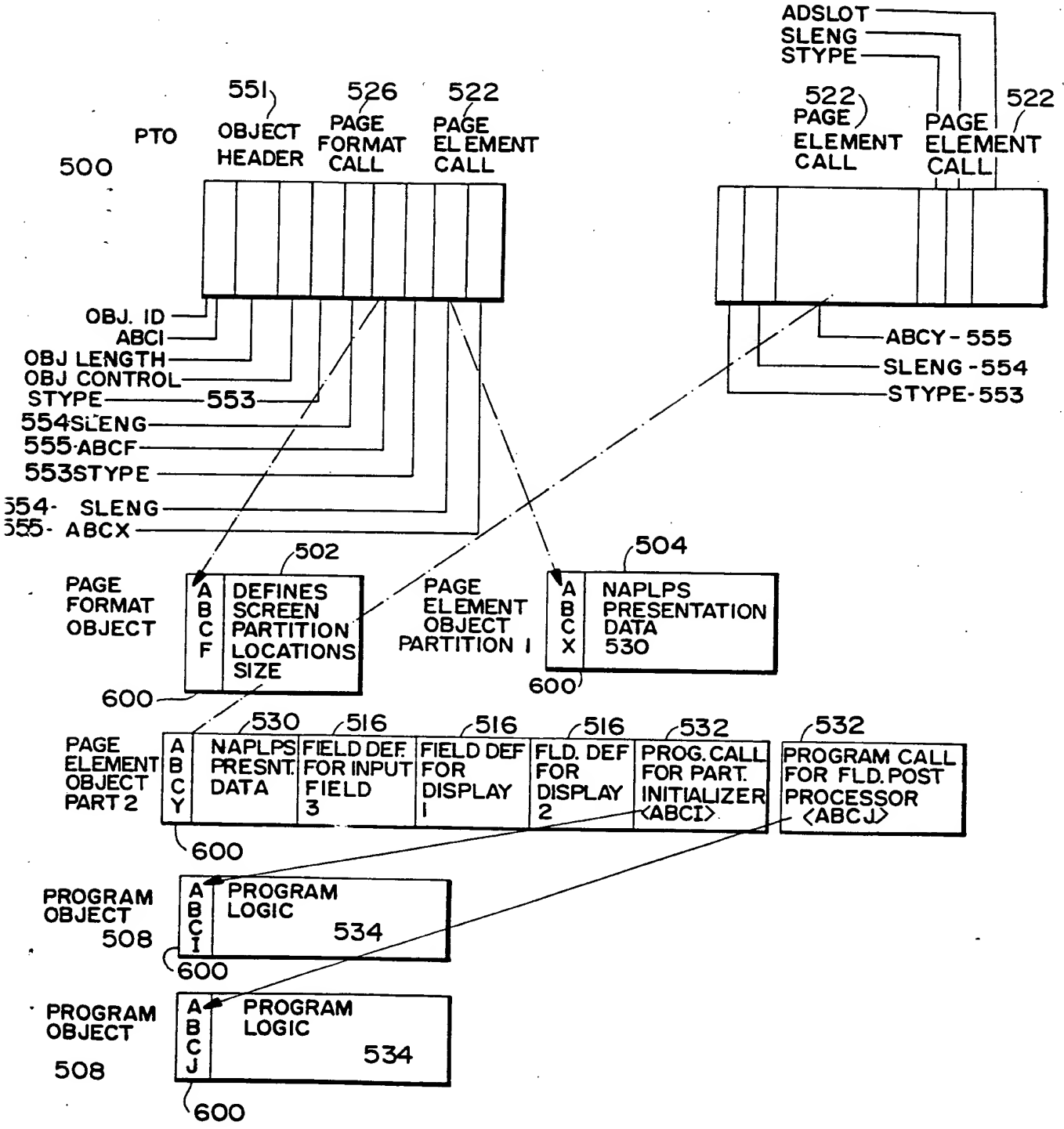

ADSLOT
SLENG
STYPE
551
526
522
522
522
PTO
OBJECT HEADER
PAGE FORMAT CALL
PAGE ELEMENT CALL
PAGE ELEMENT CALL
PAGE ELEMENT CALL
500
OBJ. ID
ABCI
OBJ LENGTH
OBJ CONTROL
STYPE
553
554 SLENG
555 ABCF
553 STYPE
554 SLENG
555 ABCX
ABCY - 555
SLENG - 554
STYPE - 553
502
504
PAGE FORMAT OBJECT
A B C F
DEFINES SCREEN PARTITION LOCATIONS SIZE
PAGE ELEMENT OBJECT PARTITION 1
A B C X
NAPLPS PRESENTATION DATA 530
600
600
530
516
516
516
532
532
PAGE ELEMENT OBJECT PART 2
A B C Y
NAPLPS PRESNT. DATA
FIELD DEF. FOR INPUT FIELD 3
FIELD DEF FOR DISPLAY 1
FLD. DEF FOR DISPLAY 2
PROG. CALL FOR PART. INITIALIZER <ABCI>
PROGRAM CALL FOR FLD. POST PROCESSOR <ABCJ>
600
PROGRAM OBJECT 508
A B C I
PROGRAM LOGIC 534
600
PROGRAM OBJECT 508
A B C J
PROGRAM LOGIC 534
600

Fig. 9

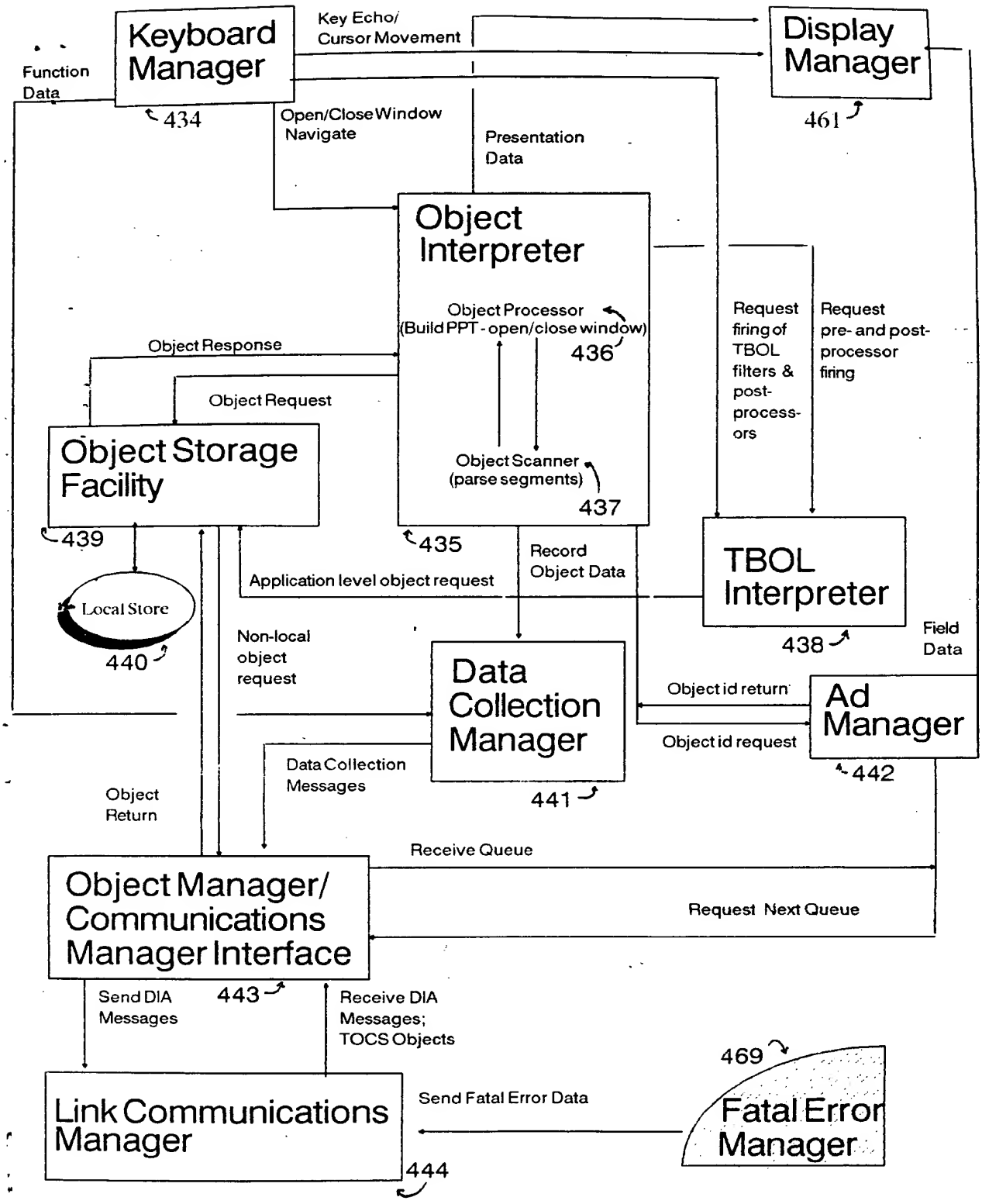

Keyboard Manager
434
Key Echo/ Cursor Movement
Function Data
Display Manager
461
Open/Close Window Navigate
Presentation Data
Object Interpreter
Object Processor (Build PPT - open/close window)
436
Object Response
Object Request
Request firing of TBOL filters & post-process-ors
Request pre- and post-processor firing
Object Storage Facility
439
Object Scanner (parse segments)
437
435
Record Object Data
TBOL Interpreter
438
Field Data
Local Store
440
Application level object request
Non-local object request
Data Collection Manager
441
Object id return
Object id request
Ad Manager
442
Data Collection Messages
Object Return
Receive Queue
Request Next Queue
Object Manager/ Communications Manager Interface
443
Send DIA Messages
Receive DIA Messages; TOCS Objects
469
Link Communications Manager
444
Send Fatal Error Data
Fatal Error Manager

FIG. 8

5,528,735 - 06/25/96

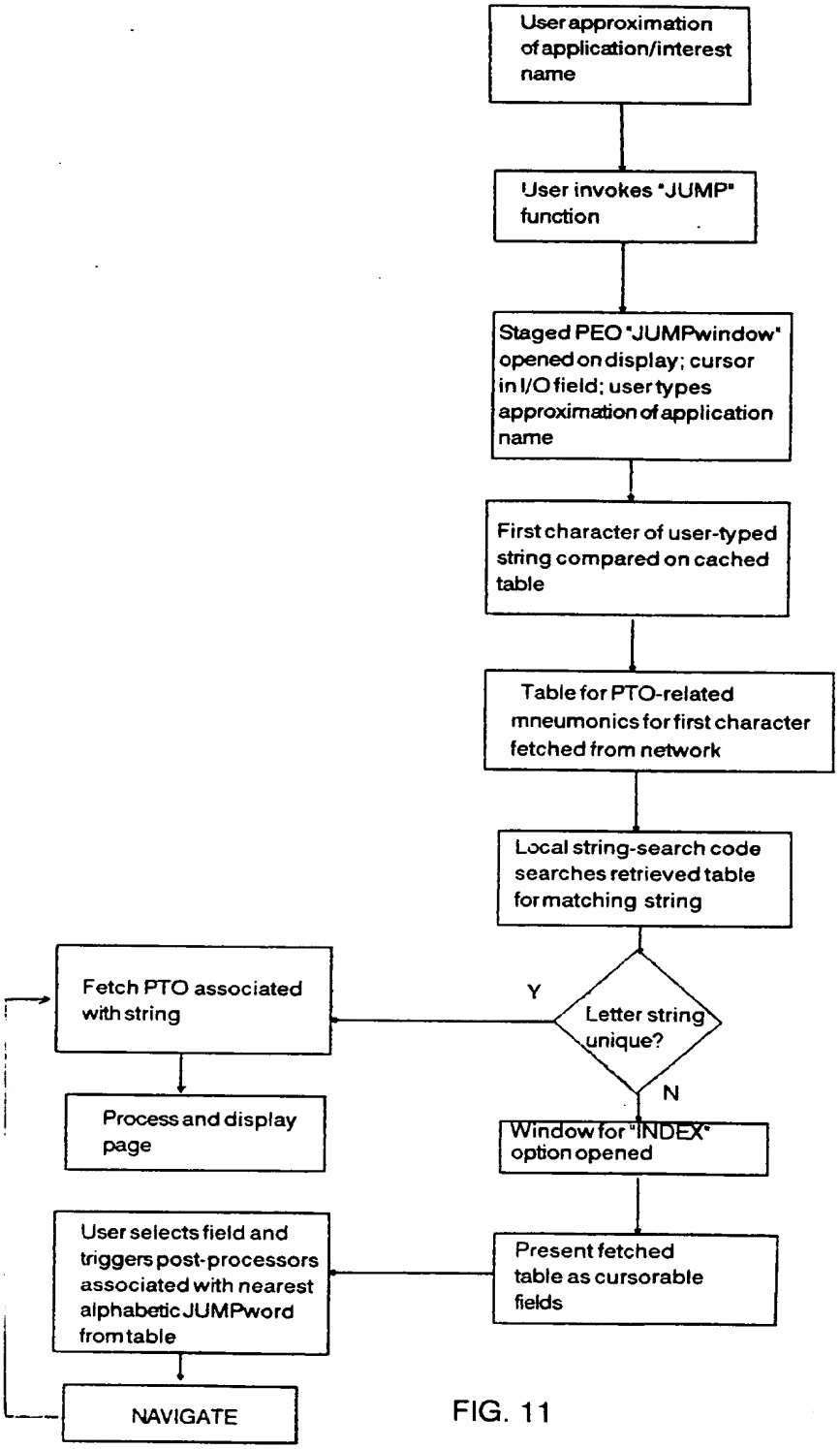


FIG. 11